

STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Operator: PEOPLES GAS LIGHT AND COKE CO.	Operator ID#: 15329
Inspection Date(s): 5/26/2015, 5/27/2015	Man Days: 2
Inspection Unit: South Shop	
Location of Audit: Chicago	
Exit Meeting Contact: Charles Graham	
Inspection Type: Standard Inspection - Field Audit	
Pipeline Safety Representative(s): Kevin Hecker	
Company Representative to Receive Report: Amy Kenny, Tom Webb	
Company Representative's Email Address: ALKenny@peoplesgasdelivery.com, TJWebb@peoplesgasdelivery.com	

Headquarters Address Information:	200 E. Randolph Street Chicago, IL 60601 Emergency Phone#: Fax#:	
Official or Mayor's Name:	Jodi Caro Phone#: (000) 000-0000 Email:	Charles Matthews Phone#: (000) 000-0000 Email: CRMatthews@peoplesgasdelivery.com
Inspection Contact(s)	Title	Phone No.
Charles Graham	Manager of Field Operations	

CUSTOMER METER & REGULATOR	Status
<u>Category Comment:</u> Staff observed meter sets at the following locations: 5601 S. Cottage Grove, Chicago - Staff observed Peoples Gas personnel perform an ISI at this location while obtaining an odorant reading as well. 10215 Indiana Ave. 10222 Indiana Ave. 10229 Indiana Ave. 10632 S. Hamlin 11232 Sacramento 816 E. 88th Place 820 E. 88th Place 824 E. 88th Place 828 E. 88th Place 832 E. 88th Place 838 E. 88th Place 842 E. 88th Place 844 E. 88th Place	

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846 E. 88th Place
850 E. 88th Place
851 E. 88th Place
852 E. 88th Place
666 E. 83rd Place
711 E. 83rd Place

[192.353(a)]	Is the customer meter and regulator installed in a readily accessible location and protected from corrosion and other damage, including if installed outside a building, vehicular damage that may be anticipated?	Satisfactory
<u>General Comment:</u> <i>All meter sets observed were installed in a readily accessible location and protected from corrosion and other damage.</i>		
[192.355(b)(1)]	Is the customer regulator vent rain and insect resistant?	Satisfactory
<u>General Comment:</u> <i>All meter sets observed contained regulator vent screens to protect from insects, and pointed downward to protect from rain/ice/snow.</i>		
[192.355(b)(2)]	Is the customer regulator vent located where gas from the vent escapes freely into the atmosphere and away from building openings?	Satisfactory
<u>General Comment:</u> <i>All customer regulator vents observed were located where gas can escape freely into the atmosphere and away from building openings.</i>		
[192.355(b)(3)]	Is the vent protected from damage caused by submergence in areas of flooding?	Not Applicable
<u>General Comment:</u> <i>There are no meter sets within the Central Shop operating territory that are located in areas prone to flooding.</i>		
[192.357(a)]	Is the customer meter and regulator installed to minimize anticipated stresses upon connecting piping?	Satisfactory
<u>General Comment:</u> <i>All meter sets observed were well supported and straight.</i>		
[192.357(d)]	Is a customer regulator that might release gas vented to the outside atmosphere?	Satisfactory
<u>General Comment:</u> <i>All customer regulators observed vented to the outside atmosphere.</i>		
[192.359(a)]	Is the meter operating pressure within the allowable limits of the meter case rating?	Satisfactory
<u>General Comment:</u> <i>All meter sets observed operated within the allowable limits of the meter case rating.</i>		
[192.365(a)]	Is the service line valve upstream of the regulator or meter?	Satisfactory
<u>General Comment:</u> <i>All meter sets observed contained service line valves upstream of the regulator and meter.</i>		

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[192.365(c)]	Is the underground service line valve located in a curb box or standpipe that allows for ready operation?	Satisfactory
<p><u>General Comment:</u></p> <p>Staff observed service line valves at the following locations:</p> <p>816 E. 88th Place 820 E. 88th Place 824 E. 88th Place 828 E. 88th Place 832 E. 88th Place 838 E. 88th Place 842 E. 88th Place 844 E. 88th Place 846 E. 88th Place 850 E. 88th Place 851 E. 88th Place 852 E. 88th Place 666 E. 83rd Place 711 E. 83rd Place</p>		
[192.727(d)][192.727(d)]	When service to the customer has been discontinued has the proper method been utilized to prevent unauthorized usage?	Not Checked
<p><u>General Comment:</u></p> <p>Staff did not observe any meter sets where service to the customer had been discontinued.</p>		
CATHODIC PROTECTION		Status
[192.463(a)]	Is the applicable cathodic protection criteria contained in Appendix D of this part being followed?	Satisfactory
[192.465(a)]	Were pipe to soil readings taken?	Satisfactory
<p><u>General Comment:</u></p> <p>Staff observed Peoples Gas personnel perform a pipe-to-soil reading for an apartment building at 711 East 83rd Place. An anode was installed recently after a down reading obtained during a previous CP survey. A reading of -.53 was obtained at the valve box after the anode installation. CP tech, John Racanelli, proceeded to troubleshoot the issue using a Tinker & Rasor CS-10 (portable current supply) to induce current on the main and service to identify potential shorts. None were identified. Mr. Racanelli then tested the insulator on the inside meter set to determine if the insulator was bad. This was tested using a Tinker & Rasor RF-IT (above-ground insulation tester) and it was determined the meter set was properly insulated from the inside piping. Mr. Racanelli returned to the valve box and obtained a CP reading of -1.53 at the service valve. Further investigation revealed the cad-weld for the test wire in the valve box had popped off the service, causing the low reading.</p> <p>Staff then observed a pipe-to-soil reading of -.615 at 666 East 83rd Place. Mr. Racanelli utilized the Tinker & Rasor RF-IT which determined there was a missing/damaged insulator between the meter set and the inside piping. A ticket will be created to install a new insulating spud. [see issue written below for 192.467(a)]</p>		
[192.465(b)]	Were rectifier installations inspected?	Satisfactory
<p><u>General Comment:</u></p> <p>Staff observed the inspection of a rectifier in an alley on W. 60th Avenue, between State and Wabash. The settings/readings obtained by Kevin Salmon were as follows:</p> <p>Coarse: 2 Fine: 2 10.71 V 6.65 A</p>		

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While on site, Staff also observed Mr. Salmon perform locating activities for the pipeline on W. 60th and the alley as well as the location of the anodes in the alley.		
[192.465(a)]	Were isolated mains/services tested?	Not Checked
<u>General Comment:</u> No isolated mains/services were tested during this audit.		
[192.465(c)]	Were critical/non critical bonds tested?	Not Checked
<u>General Comment:</u> Critical/non-critical bonds were not tested during this audit.		
[192.467(a)]	Is electrical isolation provided by use of insulated meter spud, valve, union, or flange?	Unsatisfactory
<u>Issue Comment:</u> Staff accompanied John Racanelli on a follow up to a previously recorded low reading at 666 E. 83rd Place. An anode was placed on the service, but the reading taken today was still out of compliance at -.615. Further investigation revealed that the service line was not insulated from the inside service pipe, likely causing the low reading.		
[192.467(c)]	Were casings installations tested for electrical isolation?	Not Checked
<u>General Comment:</u> No casings were tested for electrical isolation as part of this audit.		
[192.479(a)]	Is the above ground piping coated or painted as required?	Satisfactory
<u>General Comment:</u> All above ground piping observed was painted as required.		
[192.479(c)]	Is the pipeline free of corrosion or pitting?	Satisfactory
<u>General Comment:</u> All above ground piping observed was free of corrosion and pitting.		
DAMAGE PREVENTION		Status
[192.614]	Does the operator have a valid notification of planned excavation activities?	Satisfactory
<u>General Comment:</u> Staff observed the locating procedure performed by URG personnel utilizing a Pipehorn 800-HL at the following locations: 10632 S. Hamlin, Chicago - Located by Alan Annes 11232 Sacramento, Chicago - Located by Alan Annes Staff also reviewed OQ records for Mr. Annes.		
[265.40(a)]	Did the operator complete the locating activities in the specified timeframe?	Satisfactory
<u>General Comment:</u> Alan Annes from URG performed the locating activities within 24 hours of receipt of the order.		

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10632 S. Hamlin: Dig # 564636692
11232 Sacramento: Dig # 564636933

[192.614(c)(5)]	Were temporary markings made in accordance with the operator's Operation and Maintenance Manual?	Satisfactory
<u>General Comment:</u> <i>The temporary markings were made in accordance with the O&M procedures.</i>		
[192.707(a)(1)]	Are line markers placed and maintained as close as practical over each buried main and transmission line located at each crossing of a public road and railroad?	Satisfactory
<u>General Comment:</u> <i>Staff observed line markers at the following locations where the high-pressure distribution main crosses a public road/railroad:</i> <i>The railroad crossing outside of Calumet Station</i> <i>98th and S. Houston Avenue</i> <i>98th and Escanaba</i> <i>98th and Muskegon</i> <i>99th and Muskegon (2 markers)</i> <i>103rd and Muskegon</i> <i>104th and Muskegon</i> <i>104th at a railroad crossing east of Torrence</i> <i>104th and Torrence</i> <i>105th and Torrence</i> <i>106th and Torrence</i> <i>107th and Torrence</i> <i>108th and Torrence</i> <i>109th and Torrence</i> <i>110th and Torrence</i> <i>114th and Torrence</i> <i>126th and Saginaw</i> <i>4 markers along Torrence Avenue near industrial park</i> <i>139th and Torrence behind Kinder Morgan facilities</i>		
[192.707(a)(2)]	Are line markers placed and maintained as close as practical over each buried main and transmission line located wherever necessary to identify the location of the transmission line or main to reduce the possibility of damage or interference?	Satisfactory
<u>General Comment:</u> <i>Staff observed several line markers along a clearing in a wooded area near 99th and Muskegon.</i>		
[192.707(c)]	Are line markers placed and maintained as close as practical over each main and transmission line located above ground?	Satisfactory
<u>General Comment:</u> <i>Staff observed line markers at the above ground facilities at Calumet Station.</i>		
[192.707(d)(1)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The word "Warning," "Caution," or "Danger" followed by the words "Gas (or name of gas transported) Pipeline" all of which, except for markers in heavily	Satisfactory

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	developed urban areas, must be in letters at least 1 inch (25 millimeters) high with ¼ inch (6.4 millimeters) stroke?	
General Comment: <i>All line markers observed contained the necessary information in the required format.</i>		
[192.707(d)(2)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The name and phone number (including area code) of the operator where the operator can be reached at all times?	Satisfactory
General Comment: <i>All line markers observed contained the necessary information in the required format.</i>		
PRESSURE LIMITING AND REGULATING DEVICES (MECHANICAL)		Status
[192.739(a)(4)]	Was each pressure limiting station, relief device (except rupture discs), and pressure regulating station and its equipment subjected at intervals not exceeding 15 months, but at least once each calendar year, to inspections and tests to determine that it is properly installed and protected from dirt, liquids, or other conditions that might prevent proper operation.?	Satisfactory
General Comment: <i>Staff observed a vault inspection near the intersection of 111th and S. Green Street, Chicago, consisting of a tear down and inspection of both regulators working in a control-monitor set-up. Also checked were the security valves (slam-shut valves) in place in the event both regulators fail. The security valve was isolated and checked for lock up as well.</i>		
[192.317(b)]	Is each above ground transmission line or main protected from accidental damage by vehicular traffic or other similar causes?	Not Checked
General Comment: <i>Staff did not inspect any above-ground main or transmission pipeline as part of this audit.</i>		
[192.741(a), 192.741(c)]	Were telemetering and/or recording gauges inspected for abnormally high or low pressure indications?	Not Checked
General Comment: <i>No recording gauges were observed as part of this audit.</i>		
[192.743(a)]	Is overpressure protection provided on the pipeline downstream of the take point?	Not Checked
General Comment: <i>The pressure relief valve at the take-point was not inspected as part of this audit.</i>		
[192.199(d)]	Were the pressure relief or pressure limiting devices inspected to determine if the support was made of noncombustible material?	Satisfactory
General Comment: <i>All pressure limiting devices inspected were supported with non-combustible materials.</i>		
[192.199(e)]	Were the pressure relief or pressure limiting devices inspected to determine if the discharge stacks, vents, or outlet ports were designed to prevent	Satisfactory

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	accumulation of water, ice, or snow, and located where gas can be discharged into the atmosphere without undue hazard?	
General Comment: <i>The vents of all pressure limiting devices observed were protected from water/ice/snow and vented freely into the atmosphere.</i>		
[192.199(h)]	Was each valve, designed to isolate the system under protection from its source of pressure, secured to prevent unauthorized operation of any stop valve that will make the pressure relief valve or pressure limiting device inoperative?	Satisfactory
General Comment: <i>All valves observed were housed in vaults and required specialized tools to operate them.</i>		
VALVE MAINTENANCE		Status
[192.747(a)]	Were the valves readily accessible and was the operator able to access the valve with the appropriate valve wrench?	Satisfactory
General Comment: <i>Staff observed an inspection of an 8" valve (#PGL-08441) at 9049 S. Oglesby Avenue, Chicago. PGL Personnel checked the vaults for the presence of gas prior to opening the vault lid using a Trak-It IIIa (#5391, calibrated on 5/26/15) The valve was then exercised and lubricated.</i> <i>Staff also observed a vault inspection near the intersection of 111th and S. Green Street, Chicago. The security valve (slam-shut valve) was isolated and checked for lock up.</i>		
ODORIZATION OF GAS		Status
[192.625(a)]	Was the odor intensity level readily detectable at or below 1/5th LEL?	Satisfactory
General Comment: <i>A reading of .41 (.33% gas in air) was obtained at 5601 S. Cottage Grove by Patricia Diaz, utilizing a Heath Odorator.</i>		
[192.625(e)]	Was the Odorization equipment and tank levels inspected?	Not Checked
General Comment: <i>The odorization equipment that serves this area was not inspected during this audit.</i>		
[192.625(f)]	Was the operator's equipment calibrated as required?	Satisfactory
General Comment: <i>The Heath Odorator (S/N: 2001150001) was last calibrated on 4/20/15.</i>		
TRANSMISSION		Status
Category Comment: <i>Transmission pipelines and valves were not inspected as part of this audit.</i>		
[192.179(b)(1)]	Are transmission valves protected from tampering or damage?	Not Checked
[192.745(a)]	Were the valves inspected accessible?	Not Checked
[192.719(a)]	Is pre-tested transmission pipe inventory maintained for use in an emergency?	Not Checked

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[192.179(c)]	If blow down activities were observed, were the blow down valves properly sized to allow the transmission pipeline to vent as rapidly as practicable and did the blow down vent freely to atmosphere away from any hazards?	Not Checked
MARKING OF MATERIAL		Status
[192.63(a)]	Does the operator's components and pipe contain the required markings?	Satisfactory
<u>General Comment:</u> <i>All pipe and components observed contained the required markings.</i>		
OPERATOR QUALIFICATION		Status
Was a PHMSA Form 15 Operator Qualification Field Inspection Protocol Form completed?		No

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